M. A. R. 57 (Rule 116) No. D

Measurement Book

1st & final bill

erial No.....

59941

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency..... Sri. K. Jagadish .....

ate of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	Name of work :-	Improvements to CC roads 10th, 11th, 12th cross roads at Ravindra nagara in ward No. 13 in Shettyhalli sub-division. (modified).					
	Job code :-	013-18-000055					
	A.A :-	EE/DD/AA/161/17-18. Dt:- 26.09.2017.					
	T.S :-	CE/DZ/TS/2111/17-18. Dt:- 26.09.2017					
	Work order :-	EE/DD/WO/232/17-18. Dt:- 19.02.2018.					
	Est cost :-	Rs. 40.00 Lakhs.					

MEASUREMENT BOOK

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
1.	Earthwork excavation by manual means in ordinary soil involving in average horizontal through upto 2m & an average lift 1.5m, excavated surface levelled & sides neately dressed, the disposed earth to be levelled neately. It is completed as per specification Vide Qty Pg # 59990					554.68 cum @ ₹. 182.07/cum —	₹. 100990.50
2.	construction of granular sub base by providing coarse graded crushed stone aggregates of granite / trap / basalt material Spreading in uniform layers with motor grader on prepared surface. It is completed as per specification						

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Measurement Book

Serial No. 59942

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide Qty Pg # 59990					91.56 cum	
3.	providing & laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 cum & fine aggregate @ 0.57 cum, machine mixed, It is completed as per specification Vide Qty Pg # 59992		@ ₹ 1637.50/cum			— 129.36 cum @ ₹ 5338.04/cum —	Rs. 149929.50 ₹ 690529.00

MEASUREMENT BOOK

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Providing and laying plain reinforced cement concrete for side drains using M20 nominal mix concrete IT/S completed as per Specif'n						
	Side wall						
	10th ch(RHS)	2×	30.00 ×	0.15 ×	$\frac{0.58+0.60}{2}$	5.31	
		2×	30.00 ×	0.15 ×	$\frac{0.6+0.60}{2}$	5.40	
		2×	34.00 ×	0.15 ×	$\frac{0.6+0.62}{2}$	6.22	
	10th ch(WLS)	2×	30.00 ×	0.15 ×	$\frac{0.60+0.60}{2}$	5.40	
		2×	30.00 ×	0.15 ×	$\frac{0.6+0.62}{2}$	5.49	
		2×	34.00 ×	0.15 ×	$\frac{0.62+0.58}{2}$	6.02	
	16th ch(RHS)	2×	30.00 ×	0.15 ×	$\frac{0.6+0.62}{2}$	5.49	

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Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

59943

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
		2×	30.00 ×	0.15 ×	$\frac{0.62+0.58}{2}$	5.40	
		2×	32.00 ×	0.15 ×	$\frac{0.58+0.60}{2}$	5.66	
	Vide qty pg # 59993		Raft qty		(+)	37.80 cum	
						88.19 cum	100615.21
			@ ₹ 11415.30 / cum			— Rs 1006762.00	
	3/11/2019						
5.	Cement concrete pavement. construction of unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with opc cement or any other type as per clause 1051.2.2 with						

MEASUREMENT BOOK

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	25mm down size graded granite metal coarse aggregate & fine aggregates, with super plasticizer @ 3ltrs. It is completed as per specification						
	10th CROSS	1×	30.00×	$\frac{5.5+4.70}{2}$ ×0.15		22.95	
		1×	30.00×	$\frac{4.7+5.10}{2}$ ×0.15		22.05	
		1×	34.00×	$\frac{5.10+5.20}{2}$ ×0.15		26.27	
	11th CROSS	1×	30.00×	$\frac{4.9+3.5}{2}$ ×0.15		18.90	
		1×	30.00×	$\frac{3.5+3.9}{2}$ ×0.15		16.65	
		1×	30.00×	$\frac{3.9+3.7}{2}$ ×0.15		17.10	
		1×	9.80×	$\frac{3.7+3.7}{2}$ ×0.15		5.44	

25/1/2019

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Measurement Book

Serial No. 59944

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12th CROSS	1×	30.00×	$\frac{4.3+3.8}{2}$	×0.15	18.23	
		1×	30.00×	$\frac{3.8+3.7}{2}$	×0.15	16.88	
		1×	30.00×	$\frac{3.7+4.4}{2}$	×0.15	18.23	
		1×	13.00×	$\frac{4.4+5.0}{2}$	×0.15	9.17	
						191.84 cum	1234244.84
	8/1/2019			@ ₹ 6433.72/cum		Rs. 1234271=00	
	6. Providing T.M.T. Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position						

25/1/2019

MEASUREMENT BOOK

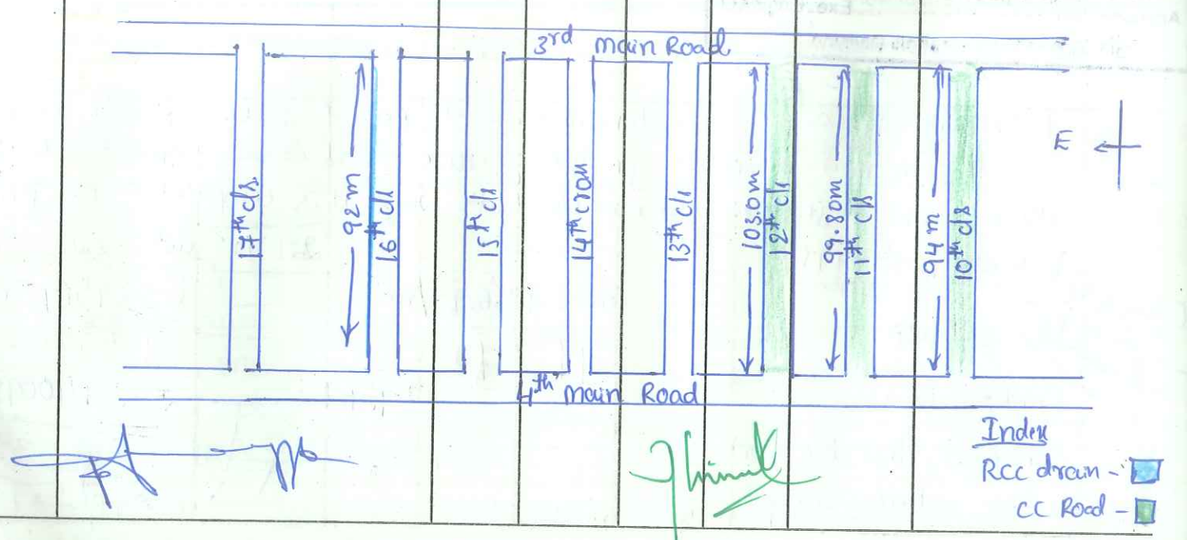
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	lapping and or welding. Wherever required, tying with binding Wire & anchoring to the adjoining member. It is completed as per specification Vide Qty Pg # 59992					5.29 Tonne	351640.58
						@ ₹ 66472.7 —	₹. 351749=00
7.	providing groove cutting for a width of 5mm to 10 mm and depth 80mm – 100mm including cost of cutting machine, generator & HOM of machinery, including cost of cutting machine generator & HOM, including cost of blade, coolant etc. It is completed as per Specifn Vide Qty Pg # 59994					129.70 Rmt	
						@ ₹ 126.13 —	₹. 16359=00

Audited and adjusted for Rs. 3935789=00
Passed by C... Rs. 3736666=00
(.....)
Serial No. .....
Name of work ..... 199123=00
by adjust...
Name of Contractor or nature of Agency.....
Date of commencement of work.....
Accounts Superintendent — Exe. Engineer
Date — Full description, etc, of work — Divisional Officer

M... ule 116) No. D
t Book
59945
From ..... To .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8.	Providing & laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm & down size graded granite metal coarse aggregate using HYSD 10mm ϕ steel @ 100 mm c/c both walls. It is completed as per Specification. Vide Qty Pg #59995					221.70 m^2	385381=00
	Cked & Qty 8/1/2019					@ ₹ 1756.92/m^2 —	₹. 389509=00
						1738.70	3935789=00
	Certificate: certified that the work is done satisfactorily.					Total —	₹ 39,40095=00
						—	3935789=00
							8/1/2019

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Serial No. .....
Name of work .....
Name of Contractor
Date of commencer

Date	Full des
1	